

BOROWICZOWA, K. ; JANUSZEWSKA, W.; WOJACZYNSKA-SZADOWSKA, A.

Malignant neoplasm of the right orbit in an infant. Pat.polska
11 no.3:293-300 '60.

1. Z I Kliniki Chorob Dzieci AM w Lodzi, Kierownik: prof.dr
E.Wilkoszewski. Z Zakladu Anatomii Patologicznej AM w Lodzi,
Kierownik: prof.dr A. Pruszczyński.
(ORBIT neopl)

BOROWICZOWA, Krystyna; SZKLARSKA, Romualda

A case of toxoplasmosis in a newborn infant from triple pregnancy.
Polski tygod. lek. 15 no.25:963-964 20 Je '60.

1. Z Zakładu Anatomii Patologicznej; kierownik: dr K. Borowiczowa,
z Laboratorium Chemiczno-Bakteriologicznego; kierownik: dr W. Solecka
i z Kliniki Położnictwa i Chorob Kobiety; kierownik; prof. dr
med. J. Lesinski; z Instytutu Matki i Dziecka w Warszawie; dyrektor:
prof. dr med. F. Groer.

(TRIPLETS)

(INFANT NEWBORN dis)

(TOXOPLASMOSIS in inf & child)

BOGUSIŁEC, MIŁOSŁAW

Uprawa miedzyrzędowa. Warszawa, Państwowe Wydawn. Rolnicze i Lesne, 1951. 39p.
(Biblioteczka traktorzysty) /Intersectional planting/

DA

Not in DIC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 10, October 1957. Uncl.

BOROWIEC, M.

"How we prepare the spring campaign plan and harmonogram of spring words." p. 16
(MECHANIZATOR ROLNICTWA, Vol. 2, no.2, Fegr. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

BOROWIEC, M.

"Driving a seed planter." p.19 (MECHANIZATOR ROLNICTWA, Vol. 2, no.3. March 1953
Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August 1953, Uncl.

BOROWIEC, Saturnin

Agro-ecologic maps as a supplement to agricultural regionalization.
Postepy nauk roln 6 no.6:75-78 N-D '59. (EEAI 9:7)

1. Zaklad Gleboznawstwa Wyzszej Szkoły Rolniczej w Szczecinie
(Agriculture)

BOROWIEC, Saturnin

The division of Szczecin Voivodeship into natural agricultural subregions. Postepy nauk roln 7 no.4:51-66 J1-Ag '60. (EEAI 10:2)

1. Katedra Gleboznawstwa Wyzszej Szkoły Rolniczej w Szczecinie
(Poland--Agriculture)

BOROWIEC, Saturnin

The connection between the yields of basic agricultural crops and the
Natural conditions of Western Pomerania. Postepy nauk roln 7 no.6:
15-20 N-D '60. (EEAI 10:6)

1. Katedra Gleboznawstwa Wyzszej Szkoły Rolniczej w Szczecinie
(Poland--Agriculture) (Pomerania--Climate)

BOROWIEC, Saturnin

Characteristic of soils developed from the Tertiary formations within the Stettin Plateau. Roczniki nauki rolniczej 80 no.4:643-661 '60. (EEAI 9:11)

1. Zakład Gleboznawstwa Wyższej Szkoły Rolniczej w Szczecinie.
(Poland--Soils)

BOROWIEC, Saturnin

Certain physical properties of forest soils with particular regard to their water intake capacity. Sylwan 104 no.3: 61-74 Mr '60.

BOROWIEC, Saturnin.

Natural conditions and origin of soils developed in the area of the
Pleistocene ice-dammed lake at Pyrzyce. Przegl geogr 33 no.1:83-92
'61. (EEAI 10:6)

1. Katedra Gleboznawstwa WSR w Szczecinie.
(Poland--Soils)

BOROWICZ, S., dr.

The mutual influence of marine transportation and sea harbors in the process of cargo turnover. Tech gosp morska 11 no.7/8:203-204 '61.
(EEAI 10:9/10)

1. Wyższa Szkoła Ekonomiczna, Sopot.

(Harbors) (Shipping) (Cargo handling)

BOROWIEC, Saturnin

Natural conditions and origin of soils developed in the area of the former Pleistocene ice-dammed lake at Pyrzyce. Przegl geogr 33 no.1:83-92 '61. (EEAI 10:9)

1. Katedra gleboznawstwa WSR w Szczecinie.

(Soils) (Geology)

BOROWIEC, Saturnin

Geographical environment as a basic criterion of the typological forest
seat division in the light of Brynek Forest. Przegl geogr 33 no.3:
519-538 '61.

BOROWIEC, Saturnin

Occurrence of relic chernozems in the Szczecin Voivodeship.
Przegl geogr 34 no.4:739-747 '62.

BOROWIEC, Saturnin

Soils in the beech communities of the beech woods near
Stettin. Prace przyrod roln Szczecin 17 no.3:1-60 '63.

BOROWIEC, Saturnin

Certain problems concerning brown podsolie soils. Przegl geogr
35 no.3:353-362 '63.

BOROWIEC, Włodzimierz, inż.

The problem of planned installations of heating in residential developments. Gaz woda techn sanit 37 no.6:203-204 Je '63.

POL.

2880

675.031.2.03

Borowicz Z. Production, Dressing and Improving Methods for Sheep-
skins and Lambskins.

"Metody produkcji, wyprawiania i uszlachetniania skór baranich i jagnięcych". Przegląd Skórzany. No 9, 1933, pp. 229-232, 1 fig.

The author reviews the technological process involved in the dressing of sheepskins and lambskins and deals successively with the individual routine stages: soaking the skins, with an additive of accelerating media and substances retarding the development of mould cultures, rinsing in clean water, washing in the presence of detergents, defleshing, tanning by means of acid pickling and chrome pickling, tawing, drying, mechanical processing and grading. He next deals with methods of improving the skins by 1) mechanical means and 2) chemical means. He reviews, moreover, the following operations: shaving, chrome tanning, ageing, drying, pressing, dyeing, washing, tawing, cleaning with sawdust and final improvement by machinery.

COUNTRY : Poland H-35
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1959, No. 88871
 AUTHOR : Borowiec, Z.
 INST. :
 TITLE : Processing Nutria Pelts to Simulate Otter

ORIG. PUB. : Przegl. skorzany, 1958, 13, No 1, 17-19

ABSTRACT : On the basis of Czechoslovak practice a procedure has been developed of processing nutria pelts to simulated otter skins, which improves considerably the appearance of the fur while facilitating the processing. The pelt which is supplied in baled form is cut not along the white belly line but along the middle of the back. According to the new method muskrat is tanned with formaldehyde or with chromium salts, the tanning agent being applied with a brush to the flesh side. Before dyeing the fur is machine-combed and cut to 22 mm. The skins are dried at 38° with forced air-circulation for 16 hours. They are then treated with damp sawdust in sheet-metal lined

CARD: 1/2

294

COUNTRY : Poland
CATEGORY :

H-35

ABS. JOUR. : RZKhim., No. 1959, No. 88871

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : drum, dyed with a brush 2 times to deepen the color, treated again with damp sawdust and then with dry sawdust, which is followed by mechanical finishing, combing and trimming of the fur. -- M. Lyuksemburg.

CARD: 2/2

Porowiec, Z.

The problem of the fur and white-leather department in the production for 1959. p. 131.

PRZEGLAD SKORZANY. (Centralne Zarzady Przemyslu Garbarskiego, Chowniczego i Artykulow Skorzanych) Lodz, Poland. Vol. 14, no. 6, June 1959.

Monthly List of East European Accessions (EEAI) L3, Vol. 9, no. 2, Feb. 1959.
Uncle.

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna

Phenomenon of extinction and resistance of *Mycobacterium tuberculosis* to isonicotinic acid hydrazide. *Gruslica* 22 no.3:173-177 Mr '54.

1. Z Centralnego Laboratorium Panstw. Zesp. Sanat. Przeciwgrusliczych w Otwocku. Kierownik: dr med. T. Zehrowski.

(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,
*isoniazid, resist. & extinction of resist.)

(NICOTINIC ACID ISOMERS, effects,

*isoniazid, on *M. tuberc.*, resist. & extinction of resist.)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna; ZAREMBA, Jaruz

Topographical differentiation of hydrazide resistance of the
tubercle bacilli. Gruslica 22 no.9:605-610 Sept 54.

1. Z Centralnego Laboratorium Panstwowego Zespolu Sanatoriow
Przeciw-gruzlicznych w Otwocku. Kierownik: dr. Tadeusz Zebrowski
(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on
isoniazid resist., topographical differentiation)
(NICOTINIC ACID ISOMERS, effects
isoniazid on M. tuberc.)

ZEBROWSKI, Tadeusz; TROJANOWSKI, Stanislaw; ZEBROWSKI, Leon; PACZKOWSKI, Alfred; PIENIAZEK, Janina; PLEWIK, Wanda; BOROWIECKA, Anna

Early results of isonicotinic acid hydrazide of the most severe forms of pulmonary tuberculosis. Polski tygod. lek. 9 no.15:449-454 12 Apr 54.

1. Z Panstwowego Zespolu Sanatoriow Przeciwgrusliczych w Otwocku; wicedyrektor lekarski prof. dr med. J.Stopczyk. z Centralnego Laboratorium Zespolu; kierownik dr med. L.Zebrowski i z Centralnej Pracowni Radiologicznej Zespolu, kierownik: dr med. St.Trojanowski.
(TUBERCULOSIS, PULMONARY, therapy,
isoniazid)
(NICOTINIC ACID ISOMERS, therapeutic use,
isoniazid in pulm. tuberc.)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKZ, Anna; ZAREMBA, Janusz

Investigations on virulence of Mycobacterium tuberculosis resistant to isonicotinic acid hydrazide. Gruslica 23 no.5:297-304 My '55.

1. Z Centralnego Laboratorium Panstwowego Zespoly Sanatoriow Przeciwgruzliczych w Otwocku Kierownik: dr T. Zebrowski. Dyrektor: Zespoly: dr W. Zajaczkowski, Otwock, Reymonta 53 m. 5.

(NICOTINIC ACID ISOMERS, effects,

isoniazid, on M. tuberc., virulence of resist. strains)

(MYCOBACTERIUM TUBERCULOSIS, effects of drugs on
isoniazid, virulence of resist. strains.)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna; WOJCIK, Teresa;
JEDRUSZEK, Jerzy.

Practical value of repeated determination of isoniazid resistance
of the tubercle bacillus. Polski tygod.lek. 10 no.10:293-297 7 Mar
55.

1. Z Centralnego Laboratorium Panstw. Zespolu Sanatoriow Przeciw-
grunzlicznych w Otwocku; Kierownik Laboratorium: dr med. Tadeusz
Zebrowski. Otwock, ul. Reymonta 53 m. 5.

(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,
isoniazid resist., value of repeated determ.)

(NICOTINIC ACID ISOMERS, effects,
isoniazid on M. tuberc., resist., value of repeated
determ.)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna

Comparative investigations on the antituberculous properties of isonicotinic acid hydrazid, sodium salts of para-aminosalicylic acid and bromine derivatives of salicylhydroxamic acid. Polski tygod.lek. 10 no.17:537-539 25 Apr 55.

1. Z Centralnego Laboratorium Panstwowego Zespolu Sanatoriow Przeciwgruzliczych w Otwocku; kierownik Laboratorium: dr med. T. Zebrowski. Otwock, Reymonta 53 m. 5.

(NICOTINIC ACID ISOMERS, ther. use,

isoniazid in tuberc., comparative evaluation)

(PARA-AMINOSALICYLIC ACID, ther. use,

tuberc., comparative evaluation)

(SALICYLIC ACID, derivatives,

m-aminosalicylic acid & salicylhydroxamic acid, ther. of tuberc., comparative evaluation)

Abst.: The decreasing order of activity in vitro was as follows: isoniazid (I), PAS (III), bromosalicylhydroxamic acid (T 40) (III), and M-amino salicylic acid (T 40) (III) and m-aminosalicylic acid (IV). In vivo (10 guinea pigs per drug plus 10 controls) the decreasing order of activity was I, II, IV, III

POLAND/Pharmacology and Toxicology - Chemotherapeutic
Preparations. Antituberculous Drugs.

v-8

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98594

Author : Kubrowski, Tadeusz; Borowicka, Anna, Pieniazek, Janina

Inst : -

Title : Multiple Investigations of Tuberculosis Bacteria Resistan-
ce and Their Practical Significance.

Orig Pub : Polski tygod. lekar., 1956, 11, No 42, 1790-1793

Abstract : Earlier the authors demonstrated that tuberculosis bac-
teria (TB), in repeated isolations from the same patient,
showed unequal resistance to antibiotics depending on the
place from which they have been sifted out. In the pre-
sent work, TB, isolated from 59 patients receiving strep-
tomycin (I), were investigated on their resistance to I.
In 18 patients, 2 investigations each were done; in 16,
3 each; in 18-4 each; and in 7-5 each; all together,
191 investigations. TB which grew in Petranyani's medium

Card 1/2

- 32 -

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna; NAWROT, Augustyn;
BARTNICKA, Janina

Late results of the treatment of acute pulmonary tuberculosis in
guinea pigs with isonicotinic acid hydrazide administered once
every one and three days. Gruslica 24 no.6:455-459 June 56.

1. Z Centralnego Laboratorium Panstwowego Zespolu Sanatorium
Przeciwegrzelicznych w Otwocku, Kierownik Laboratorium: dr. med.
T. Zebrowski, Dyrektor Zespolu: dr. med. W. Zajaczkowski,
Ottock, ul. Reymonta 53 m 5.

(TUBERCULOSIS, PULMONARY, experimental,
eff. of isoniazid, admin. every one & three days (Pol))
(ISONIAZID, effects,
on exper. pulm. tuberc., admin. every one & three days (Pol))

The treatment of acute experimental tuberculosis of the guinea pig with isoniazid every day and every third day. T. Zebrowski, J. Pieniazek, A. Borowiecka, and J. Bartnicka. *Revi. Klin. Tuberk.* 115, 421-3 (1954). --Daily administration of isoniazid to guinea pigs proved better than every third day in intraperitoneal infection; therapy started 21 days after infection and lasted 90 days; 10 mg/kg. drug dose of isoniazid was used. Survival time was used as a criterion.

H. J. Cope

Repeated double resistance ~~development~~ of *Mycobacterium tuberculosis* toward isoniazid and streptomycin and its practical significance. T. Zebrowski, A. Borkowicz, and J. Pieniak. *Poln. Klin. Tuberc.* 116, 91-94 (1950). -- If the treatment of pulmonary tuberculosis with streptomycin and isoniazid used coincidentally or alternately is discontinued after a single defn. of one or double resistance, then some individuals are denied adequate treatment with these agents. Such chemotherapy failures were found in 44 (69%) of 50 cases when single resistance defns. were used in judgment. To obviate such failures, treatment is recommended for more than 3 months or for at least 6-12 months.

H. J. Carper

POLAND/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52810

Author : Zebrowski, T., Borowicka, A., Pieniazek, J.

* Inst : -

Title : Results of Repeated Investigations of Tuberculosis Bacteria
Resistant to Streptomycin and Isoniazide, and the Practical
Significance of These Studies.

Orig Pub : Polski tygod. lekar., 1957, 12, No 33, 1269-1273.

Abstract : No abstract.

* Z CENTRALNEGO LABORATORIUM PAŃSTWOWEJ ZESPOŁU SANATORIÓW
PRZECIWSKURZLICHYCH w OTWOCKU.

Card 1/1

- 35 -

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; TROJANOWSKI, Stanislaw; BOROWIECKA, Anna

Experimental studies of anti-tuberculous effect of phthivaside. Polski tygod. lek. 12 no.36:1390-1393 2 Sept 57.

1. Z Centr. Labor. Panstw. Zesp. San.-Pwz. w Otwocku; kier. Labor.: dr med. Tadeusz Zebrowski; dyrektor sepolu: dr W. Zajackowski. Adres: Otwock, ul. Reymonta 53 m. 5.

(ISONIAZID, rel. cpds.

N-(4-hydroxy-3-methoxy) benzal isonicotinic acid hydrazone, tuberculostatic eff. in vitro (Pol))
(MYCOBACTERIUM TUBERCULOSIS, eff. of drugs on same)

BOROWIECKA, Barbara

Determination of streptomycin in fermentation broths by
maltol distillation. Med. dosw. mikrob. 9 no.1:23-34
1957.

1. Z Zakladu Antybiotykow PZH w Warszawie.

(STREPTOMYCIN, determ.

in fermentation broths, maltol distillation & color
form. (Pol))

POLAND/Chemical Technology - Chemical Products and Their
Applications - Drugs, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37206

Author : Lubinski, O., Borowiecka, B.
Inst : -

Title : Preparation of Aureomycin from Fermenting Fluids.

Orig Pub : Med Doswiad. i Mikrobiol., 1957, 9, No 1, 47-55

Abstract : In order to prepare aureomycin (I) from fermenting fluids several precipitants are employed: 1) NaCl in the presence of N-butanol (II) and amylacetate (corresponding yields are 56.7 and 68.3%).
2) "Katecsol" (quaternary pyridine base) (yield is 86.2%) pH 9.0. From acid solutions of (I) at high concentration of (II), (I) is obtained by fractional alkalization with NaOH. A method of supplementary treatment of post crystallized alkalis has been worked out, whereby yield was increased by 5.3% and overall yield by 47.2%.

Card 1/1

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WOZNICKI, TADEUSZ

WOZNICKI, Wanda; KOWSZYK, Zuzanna; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
BOROWIECKA, Barbara; SZCZESNIAK, Tadeusz; TERLECKA, Janina; WILK, Edyta

Studies on antimycotic antibiotics. II. a new antibiotic. Med. dosw.
mikrob. 9 no.3:293-308 1957.

1. Z Zakladu Antybiotykow PZH w Warszawie.

(ANTIBIOTICS,

allomycin, antifungal properties (Pol))

WOZNICKA, Wanda; KOWSZYK, Zuzanna; ~~DOBROWOLSKA, Barbara~~; CHOJNOWSKI, Wawrzyniec;
DOBRZANSKA, Rosa; LUBINSKI, Olgierd; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
PASZKIEWICZ, Alina; HUCZAJ, Zbigniew; SOBICZEWSKI, Wojciech; SZCZESNIAK,
Tadeusz; SZENIAWSKI, Piotr; TERLECKA, Janina; WILK, Edyta; WITUCH, Krystyna

Alomycin; a new antifungal antibiotic. Med. dosw. mikrob. 9 no.4:441-450
1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w Warszawie.
(ANTIBIOTICS, preparation of
alomycin, fungicidal properties (Pol))

OCHAB, Stanislaw; BOROWIECKA, Barbara

Colorimetric determination of viomycin. Chem anal 8 no.1:
99-102 '63.

1. Department of Analytical Chemistry, Institute of Drugs,
Warsaw. Head of Department: Doc. Z.Margasinski.

OCHAB, Stanislaw; MALYSZ, Danuta; BOROWIECKA, Barbara

Determination of erythromycin in the presence of tetracycline.
Chem anal 8 no.4:597-600 '63.

1. Department of Analytical Chemistry, Drug Research Institute,
Warsaw. Head of Department: Doc. Z. Margasinski.

BOROWIECKI, JERZY

POLAND/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders. I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12662

Author : Borowiecki Jerzy
Title : Cement Roofing Tile

Orig Pub : Dachowka cementowa. Mater. budowl., 1956, 11, No 7,
212-213 (Polish)

Abstract : Cement roofing tile made from a mixture of cement and
sand in the proportions of 1:4 or 1:5 permits to utilize
local materials and is economically more advantageous
than ceramic tile.

Card 1/1

- 115 -

BOROWIECKI, L.

POLAND / Organic Chemistry. Natural Substances and their G
Synthetic Analogues.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67610.

Author : Zacharewicz W., Krupowicz J., Borowiecki L.

Inst : Not given.

Title : Oxidation of Δ^3 -Carene with Selenium.

Orig Pub: Roczn. chem., 1957, 31, No 2, 739-740.

Abstract: Oxidation of Δ^3 -carene with selenium anhydride in alcohol results in the formation of an unsaturated alcohol of 82-84°/5mm boiling point, $[\alpha]_D^{16}$ of approx. 124.4°, and $n_D^{19} = 1.4920$. When the latter is oxidized with chromic acid in CH_3COOH an anhydride of 86-88°/10mm boiling point, $[\alpha]_D$ of approx. 37.2°, $n_D^{16} = 1.5075$, and $d_4^{16} = 0.9085$ is obtained.

Cabd 1/1

COUNTRY : Poland G-5
 CATEGORY : Organic Chemistry--Natural Compounds and Their
 Synthetic Analogs
 ABST. JOUR. : RZKhim., No. 21 1959, No. 75042
 AUTHOR : Borowiecki, L.
 INST. : Not given
 TITLE : The Catalytic Hydrogenation of D- Δ^3 -carene-7-ol

ORIG. PUB. : Roczniki Chem, 32, No 6, 1413-1414 (1958)

ABSTRACT : The previously described (RZKhim, 1958, No 20, 67610) hydrogenation of D- Δ^3 -carene-7-ol over Pt (from PtO₂) gives L-carene-7-ol (I), bp 94°/6 mm, n_D^{25} 1.4776, d_4^{25} 0.9162, $[\alpha]_D^{25}$ -1°; 3,5-dinitrobenzoate mp 110-110.5°, acid 3-nitrophthalate 154-156°. Oxidation of I with chromic oxide gives L-carene-7-al, bp 74°/4 mm, n_D^{25} 1.4781, $[\alpha]_D^{25}$ -1.6°; 2,4-dinitrophenylhydrazone mp 249.5-250°.

V. Andreyev

CARD: 1/1

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BOROWIECKI, L.

A new carene alcohol. Witold Zacharewicz, Jan Krupowicz, and Lucian Borowiecki (Univ. Torun, Poland). Roczniki Chem. 33, 87-92(1959)(French Summary).--d-3-Carene was oxidized by means of SeO_2 at 60° . The products, isolated by steam distn., were sepd. in 2 parts by action of satd. aq. soln. of $\text{Na}_2\text{SO}_3 + \text{NaHCO}_3$ (I). The part nonreacting with I was twice distd. in vacuo to give d-3-carene-7-ol (b. $77-9^\circ/3 \text{ mm.}$) (a) D 119° , n-20-D 1.4900, d-20-20 0.9431, RM 46.59 (calcd. 46.12) (II). 3-Nitrophthalate of II melts at $148.5-150.5^\circ$ (yellow crystals, (a) D-0.4 $^\circ$). II reacts with 2 moles Br. Oxidation of II by means of CrO_3 in AcOH yielded 3-carene-7-al, b. $75-8^\circ/3 \text{ mm.}$, (a) D 67.2° , n-20-D 1.4969, d-20-20 0.9718, RM 45.16; 2,4-dinitrophenylhydrazones m. $164-5^\circ$, red. Oxidation of II with KMnO_4 gave trans-carenic acid, m. $208-8.5^\circ$. A. Kreglewski

BOROWIECKI, Lucjan; ZACHAREWICZ, Witold

A new semicyclic carene. Rocz chemii 34 no.3/4:1181-1183 '60.
(EEAI 10:3)

1. Katedra Chemii Organicznej Uniwersytetu M. Kopernika, Torun.
(Carene)

ZACHAREWICZ, Witold; BOROWIECKI, Lucjan; JANUSZEWSKA, Barbara

On a new photocatalytic method of obtaining d-carene-3-al-7.
Rocz chemii 36 no.1:173-174 '62.

1. Katedra Chemii Organicznej, Uniwersytet M.Kopernika, Torun.

BOROWIECKI, Lucjan

Hydroperoxide action of t-butyle on d-carene-3. Roczniki chemii 37
no. 7/8:921-922 '63.

1. Katedra Chemii Organicznej, Uniwersytet M.Kopernika, Torun.

BOROWICKI, Marian; ZACHARWICZ, Witold; FRZYSTUPA, Joanna

Transformations in the carane series. Pt. 1. Roz chemii 38
No. 1:87-91 '64.

1. Department of Organic Chemistry, N. Copernicus University,
Torun.

BOROWIECKI, Stanislaw, mgr inz.

General review of designs of paper machine headboxes.
Przegl papier 19 no.1:10-18 Ja '63.

1. Centralne Biuro Techniczne Papierniczego, Lodz.

BOROWIECKI, Stanislaw, mgr.inz.

Considerations on technical progress and the possibilities of taking advantage of it in the paper industry. Przegl papier 18 no.2:39-43 F '62.

1. Centralne Biuro Techniczne Przemyslu Papierniczego, Lodz.

BOROWIECKI, V.L.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Apparatus, Plant Equipment,
and Unit Operations

✓ Production of alkali-resistant filter plates for the filtration
of naphthol solutions. V. L. Borowiecki. *Chem. Tech.*
(Berlin) 5, 455(1953). Alkali-resistant filter plates, 50
mm. thick, are made in 2 layers: the lower, 30 mm. thick,
of cement and 7 mm. coke; the upper, of 4 mm. coke and
cement. Earl S. McColley

8-31-54
JGP

BOROWIECKI, Lucjan; ZACHAREWICZ, Witold

On the degradation of selenium compounds by acetic acid. Rocz chemii
35 no.4:833-842 '61.

1. Katedra Chemii Organicznej, Uniwersytet M. Kopernika, Torun.

BOROWIECKI, Stanislaw, mgr inz.

Conventional press with additional plastic wire.
Przegl papier 20 no. 4:100-101 Ap '64.

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BOROWIECKI, Wladyslaw, inz.; KOSTRO, Zdzislaw, inz.

Proper wrapping, one of the basic factors in the design of machines and equipment. Przegl mech 21 no.11:336-338. 10 Je '62.

1. Misisterstwo Handlu Zagranicznego, Centralny Inspektorat Standaryzacji, Warszawa (for Borowiecki).
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BOROWIK, Jozef, doc., dr.

A full size seaport in Koszalin. Technika gosp morska 12 no.3:67-70
Mr '62.

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Seminar of the Geologic and Geographic Section of the Committee
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Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Foods

u
Rapid methods for the determination of ammonia in decaying fish. Josef Wierzchowski, Josef Borowik, and Maria Severin (Wojew. Stacja Sanit.-Epidemiol., Odd. Badania Żywności, Gdańsk). *Roczniki Państwowego Zakładu Hig.* 1953, No. 3a, 321-30 (English summary).—An organoleptic method for testing fresh fish was compared with the quant. detn. of Me_3N , NH_3 , and steam-volatilized bases. To det. NH_3 , the following method was used: to 2 g. of finely ground fish 40 ml. of 5% CCl_3COOH is added, mixed, and after 15 min. filtered through filter paper. Five ml. of the filtrate is added to 40 ml. distd. water, and an addn. of 5 ml. of Nessler's reagent follows. The results of the colorimetric detn. are expressed as Nessler no., whereby one grade corresponds to approx. 2 mg. of NH_3 /100 g. of fish. Because of its simplicity, rapidity, and reproducibility this method is suitable for use in sanitary-epidemiological station and for general sanitary control detns.
Richard Ehrlich

BOROWIK, JOSEF

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Foods

③
Ammonia and bacteria content in different commercial grades of fresh cod. Józef Borowik and Stanisław Zaleski. *Morska Stacja Sanit. - Kwarantanna, Odd. Badania Żywności, Gdynia. Roczniki Państwowego Zakładu Hig.* 1953, No. 3a, 331-7 (English summary).—A definite relation was found between the extent of decay of cod (*Gadus morrhua*) and the NH_3 and bacteria content of its tissues. Fish contg. more than 30 mg. % NH_3 and bacteria counts over 10⁶/ml. of saline ext. are not suitable for human consumption. To det. the extent of decay of cod, it is necessary to det. the NH_3 content with Nessler reagent in addn. to the organoleptic tests.
Richard Ehrlich

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Med ✓ Biochemistry of quantitative and qualitative losses in
raw and processed fish. Józef Borowik. Polska Akad.
Nauk, Zeszyty Problem. Nauki Polskiej 2, 147-60(1955).—
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Poland/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6709

Author: Borowik, Jozef; Ostrowski, Stanislaw

Institution: State Foundation of Hygiene

Title: Changes in Sodium Nitrite Content of Nitrite Ice

Original

Publication: Roczn. Panstw. Zakl. hig., 1956, 7, No 1, 35-42

Abstract: On the basis of investigations of 40 samples of nitrite ice, prepared in the form of blocks measuring 54 x 27 x 8 cm, it was ascertained that the content of NaNO_2 within different parts of the block varies in the range of 0.5-187 mg% with an average content of 80 mg%. On melting of the crushed ice the predominant portion of NaNO_2 (58.3 mg%) is found in the first two fractions which constitute 28.7% of the melted ice. During storage over a period of 3 months of the ice blocks, approximately 50% of the initial content of NaNO_2 had undergone reduction.

Card 1/1

BOROWIK, Josef; OSTROWSKI, Stanislaw

Modification of sodium nitrite content in nitrite ice.
Bull. Inst. Marine Trop. W. Gdansk 7:p. 213-217; Russian
transl. p. 217-220; English transl. p. 220-223 1956.

1. Z Inst. Med Mors. w Gdansku-Gdyni i Mors. Stacji
Sanitarno-kwarantannowej w Gdyni.

(NITRITES,

changes of sodium nitrite content in nitrite ice
(Pol; Rus; English))

Borowik, J.

POLAND / Chemical Technology. Chemical Products and Their Application. Food Industry. I-30

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10441

Author : Borowik, J., Fischer, E., Ostrowski, S., and Trzesinski, P.
Inst : Not given

Title : Investigation of the Effect of Nitrite-Containing Ice on the Preservation and Quality of Baltic Codfish.

Orig Pub : Przem. spozywczy, 1956, Vol 10, No 7, 282-283

Abstract : Nitrite-containing ice prolongs the freshness of fish by 24-48 hrs, depending on the type of fish. The fish must be cleaned and packed in ice as soon as they are caught. The utilization of nitrite ice, containing on the average 0.1% NaNO_2 , in the proportion of 75 parts of ice to 100 parts of fish at a temperature of $\sim 10^\circ$ results in a maximum NaNO_2 content in the fish which varies over a wide range, depen-

Card : 1/2

POLAND / Chemical Technology. Chemical Products and Their
Application. Food Industry.

I-30

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10441

Abstract : ding on the amount of nitrite which penetrates from the
ice in the meat, the storage temperature, and the reduc-
tion of the NaNO_2 .

Card : 2/2

BOROWIK, Jozef; EJSMONT, Wladyslaw; KALINOWSKA, Zofia

Uropepsin contents of deep-sea fisherman. Bull. Inst. Marine M. Gdansk
9 no.1-2:77-83 1958.

1. (From the Institute of Marine Medicine in Gdansk)
(UROPEPSIN, in urine
determ. in deep-sea fishermen)

BOROWIK, Jozef, doc. dr

Petroleum and gas in the North Sea. Techniczne aspekty
no.2:79-80 F '65.

BOROWSKI, Jerzy

Effect of a single pressure increase on the excretory efficiency of the kidney. Pol. arch. med. wewnet. 33 no.10: 1133-1140 '63.

1. Z III Kliniki Chorob Wewnetrznych AM w Lodzi Kierownik:
prof. dr med. W. Markert.

(KIDNEY FUNCTION TESTS) (NOREPINEPHRINE)
(PHARMACOLOGY) (BLOOD PRESSURE)

L 18840-63 EWG(s)-2/FCS(k)/EWT(1)/FED/FBO/FCC(w)/FCS/BDS/ES(v)
AFFTC/ESD-3/APGC/SSD Pw-4/Pe-4/Po-4 P/0007/63/000/026/0009/0009
RB/RD
ACCESSION NR: AP3002918

AUTHOR: Borowik, Stanislaw (Graduate Engineer)

TITLE: Astronautics in Poland

SOURCE: Skrzydlata polska, no. 26, 1963, 9

TOPIC TAGS: Rocketry technique development,¹³ space medicine, space biology,
astronomical development, Polish Rocketry and Astronautical Conference

ABSTRACT: The Fourth All-Polish Conference on Rocketry and Astronautics in Katowice, sponsored by Polskie Towarzystwo Astronautyczne (Polish Astronautical Society), revealed the main problems facing this field in Poland as well as its accomplishments. The society, composed of individuals interested or professionally connected with the field, lacks official status, a body to coordinate and organize research, as well as to obtain funds and needed equipment. Considerable progress was noted in the biological section, directed by Prof. Dr. med. J. Walawski in Warsaw, where papers were devoted to findings on the effect of space flights on the physiology of man and animals, as well as on specialized

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L 18840-63

ACCESSION NR: AP3002918

14
equipment used in these studies; in the astronomical and physical section, covering a number of discoveries connected with the Moon, Venus and Mars, and indicating a caliber capable of leading world contributions in the future, as well as in the most uncoordinated section on rocketry techniques, with two predominant centers of activity: for research, at the Politechnika Warszawska (Warsaw Polytechnical Institute), centering on theoretical aspects of rocket drives, fuel, path computation, re-entry, etc. (papers read by Prof. H. Muster, Prof. Z. Paczkowski, Grad. Eng. W. Dichter, and Grad. Eng. St. Borowik (Politechnika Warszawska)); and Grad. Eng. J. Maryniak, Grad. J. Jatczak, and Grad. B. Pawelczynski (Uniwersytet, Lodz); and the Doswiadchalny Osodek Rakietowy (Experimental Rocketry Center) of the Krakow Aeroklub, centering primarily on rocket soundings and design of small rockets (papers read by Graduate W. Goral and J. Kibinski).

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 16Jul63

ENCL: 00

SUB CODE: AS, GM

NO REF SOV: 000

OTHER: 000

Card 2/2

BANASIK, Zbigniew, mgr inz., adiunkt; BOROWIK, Stanislaw, mgr inz.;
RADWAN, Maciej, prof. dr inz.; SARNI, Janusz, mgr inz.

Quality tests of sintered filters. Przegl mech 23 no.11:
305-307 10 Je '64.

1. Department of Isotopic Research, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw (for Banasik).
2. Department of Automatic Control in Mechanics, Technical University, Warsaw (for Borowik).
3. Head, Department of Isotopic Research, Institute of basic Technical Problems, Polish Academy of Sciences, Warsaw (for Radwan)

BOROWIKOWA, M., dr

Survey of publications of major interest in the press abroad.
Tech gosp morska 12 no.10:318-320 0 '62.

BOROWIKOWA, M., dr

Survey of publications of major interest in the press abroad.
Tech gosp morska 12 no.11:351-352 N '62.

BOROWIKOWA, M . dr.

Survey of the more important positions in the press abroad.
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BOROWIKOWA, M., dr.

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13 no.1:31-32 Ja '63.

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press. Tech gosp morska 13 no.2:63-64 F '63.

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Survey of positions of major importance in the foreign press. Tech
gosp morska 13 no.3:96 - 3 of cover Mr '63.

BOROWIKOWA, M. dr

Activities of the Intergovernmental Consultative Organization in 1962.
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1. Instytut Historii Kultury Materialnej, Polska Akademia
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Audiometric studies in children after surgical interventions on the antrum in infancy. Otolaryng. pol. 17 no.4:370-371 '63.

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BOROWKO-DLUZAKOWA, Zofia

Pollen analysis of the lacustrine deposits at Laska near Brusy.
Kwartalnik geol 6 no.1:170-175 '62.

1. Zaklad Stratygrafii, Instytut Geologiczny, Warszawa.

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BOROWKO-DLUZAKOWA, Zofia

Poland

no title given

Institute of Geography (Instytut Geografii) of the
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Nauk/)

Warsaw, Przegląd Geograficzny, Vol 34, No 3, 1962,
pp 601-03.

"In connection with the Article of K. Wasylikowa".

Co-author:

KOBENDZINA, Jadwiga, no title given, affiliation
as above.

BOROWKO-DIUZAKOWA, Zofia; KOBENDZINA, Jadwiga

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1. Instytut Geografii, Polska Akademia Nauk, Warszawa.

EXCERPTA MEDICA Sec. 6 Vol. 11/9 Sept. 57

BOROWSKA B.

5664. CHLEBOWSKI J. and BOROWSKA B. II. Klin. Chor. Wewnętrz. A.M. Marchlewskiego, Woj. Poradni Reumatol., Białystok. "Zespół tietzego. Tietze's syndrome PRZEGŁ. LEK. 1956, 12/9 (265-267)

The authors describe 3 cases of this syndrome (benign tumours on the border of the bone and cartilaginous part of the II-VI rib end). There are no histological inflammatory or neoplastic changes. The disease was cured by salicylate derivatives and by diathermy. One of the cases was cured by ACTH injections.

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BOROWSKA, Irena, mgr inż.

Selection method of air filters for traction motors. Techn
motor 12 no. 4/5: 118-119 Ap-May '62.

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GORSKI, Marian; BIELAWSKI, W.; BOROWSKA, S.; NIEMIRO, R.; RAJPERT, H;
TYMOSZESKA, B.; ZAGAIŃSKA, T.; (przy współudziale asystentki
technicznej A. SWIDERSKIEJ).

Research on water-mineral metabolism in liver cirrhosis. Polskie
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Gorski. Adres autora: Gdansk, Wrzeszcz, Curie-Skłodowskiej 4.

(LIVER CIRRHOSIS, metab.

water-mineral metab. (Pol))

(BODY FLUID BALANCE, in various dis.

water-mineral metab. in liver cirrhosis (Pol))

BOROWSKA, Sabina; BOROWSKI, Jerzy; ROZMARYNOWSKA, Izabela

Biochemical, bacteriological and clinical studies on urenil --
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7 N '60.

1. Z I Kliniki Chorob Wewnetrznych AMG; kierownik: prof.dr M.Gorski
i z Zakladu Mikrobiologii AMG; kierownik: prof.dr S.Krynski.
(SULFONAMIDES pharmacol)

Borowska-Kuzmicka J.
BOROWSKA-KUZMICKA, J.; DZIECIOŁOWSKA, Z.; ALEJSKI, A.; KUZMICKI, R.

~~Pulmonary paragonimiasis and essay of its therapy with rectal ethyl alcohol.~~
Pulmonary paragonimiasis and essay of its therapy with rectal ethyl alcohol. Wiadomości para-yt, Warsz. 3 no.6:555-563 1957.

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(ALCOHOL, ETHYL, therapeutic use,

paragonimiasis, pulm., rectal admin. (Pol))

(LUNG DISEASES, therapy,

paragonimiasis, ethyl alcohol, rectal admin. (Pol))

(TREMATODE INFECTIONS, therapy,

lungs, ethyl alcohol, rectal admin. (Pol))

KUZMICKI, Ryszard; DZIECIOLOWSKI, Zygmunt; BOROWSKA-KU^ZMICKA, Jadwiga

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A case of Clonorchis sinensis infection. Polski tygod. lek. 14
no.18:819-821 4 May 59.

1. (Z I Klin. Chor. Wewn. A.M. w Lodzi; kier.: prof. dr. n. med.
J.W. Grott i z Laboratorium Panstw. Szpit. Klin. nr 1 A.M. w Lodzi;
kier.: dr med. A. Wiewsbowska). Adres: Lodz ul. Prochnika 23.
(CLONORCHIASIS, case reports
sinensis (Pol))

WIERZBOWSKA, Alina; CHMIELEWSKA, Ida [deceased]; BOROWSKA-KUZMICKA, Jadwiga

On difficulties in selecting a drug in some forms of myelocytic leukemia. Pol. med. wewnet. 32 no.7:721-722 '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Łodzi Kierownik: prof. dr med. W. Markert Z Laboratorium Szpitala im. N. Barlickiego w Łodzi Kierownik: doc. dr med. A. Wierzbowska.

(LEUKEMIA MYELOCYTIC)

(ANTINEOPLASTIC AGENTS)

LASKOWSKI, Stanislaw; BOROWSKA-KUZMICKA, Jadwiga; STACH, Andrzej

Behavior of antithrombin (the antithrombin test) in chronic recurrent pancreatitis. Pol. tyg. lek. 17 no. 42:1622-1626 15 0 '62.

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(PANCREATITIS)

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BOROWSKA-LEHMAN, Jolanta; HOROSZEK, Stefania; LEONOWICZ, Kontanty

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1. Z II Kliniki Chorob Wewnętrznych A. M. w.Gdańsku Kierownik: prof.
dr med. J. Penson i z Zakładu Anatomii Patologicznej A. M. G. Kierownik:
prof. dr nauk med. W. Czarnocki.
(KIDNEY DISEASES, pathol.) (NECROSIS, pathol.)

DYBICKI, Jerzy; BOROWSKA-LEHMAN, Jolanta; JUNGOWSKA, Anna

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1. Z II Kliniki Chirurgicznej AMG Kierownik: prof. dr med. K. Debieki
z Zakładu Anatomii Patologicznej AMG Kierownik: prof. dr med. W.
Czarnecki z Zakładu Radiologii AMG Kierownik: prof. dr med. W.
Grabowski.

(LUNG abnorm)

BOROWSKA-LEHMAN, J.; KAMINSKA, M.; CHWIALKOWSKI, J.

Staphylococcal ulcero-polypous endocarditis in a 12-month old infant, K
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1. Z I Kliniki Pediatrycznej AM w Gdansk i z Zakladu Anatomii Patolo-
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(STAPHYLOCOCCAL INFECTIONS in inf & child)
(ENDOCARDITIS in inf & child)

IMILINSKI, Leslaw; BOROWSKA-LEHMAN, Jolanta

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11 My '64.

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Medycznej w Gdansk (kierownik: prof. dr. med. Zdzisław Kieturakis)
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(kierownik: prof. dr. med. Wilhelm Czarnocki).

GROMSKA, Jodwiga; BURROW KA-LEHMAN, Jolanta

Diagnostic difficulties produced by dominating psychotic disturbances in the case of a brain tumor in a child. Neurol., neurochir., psychiat. Pol. 14 no.4:711-714 J1-Ag '64

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(Kierownik: prof. dr. T. Bilikiewicz) i z Zakladu Anatomii
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BOROWSKA-LEHMAN, Jolanta; SZELOZYNSKA, Katarzyna

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kierownik: prof. dr Wilhelm Czarnocki [deceased]) i z Kliniki
Neurologicznej Akademii Medycznej w Gdansk (kierownik: prof.
dr Zofia Majewska).